



US Army Corps
of Engineers®

Flood&Coastal Storm Damage Reduction R&D Program

Reservoir Sedimentation Workshop Report

Description



J. Percy Priest Lake, Nashville, Tennessee

to assess the state of the knowledge and practice related to lake sedimentation within the Corps, identify lake sedimentation affects on Corps mission areas, and to provide recommendations to the Chief of Engineers regarding policy, engineering guidance, technology, project condition assessment/monitoring and data management needs and requirements.

Benefits

It is recognized that technical and policy issues associated with lake sedimentation are broad in scope and extend to other Federal and non-Federal stakeholders. However, this workshop was held for Corps of Engineers participants only in order to assess Corps projects, policy and needs. The workshop was the first step in establishing a Project

Sedimentation at U.S. Army Corps of Engineers lakes has not been rigorously addressed for more than a decade, largely due to low prioritization of sedimentation studies within the Operations and Maintenance (O&M) budget. It is anticipated that sedimentation and sediment loading at Corps lakes poses long-term risks associated with functional project performance related to flood control, hydropower, recreation, environmental quality, and other project purposes. At some project locations, particularly those that are aged, these risks may be considered near-term. In September 2007, the Flood and Coastal Storm Damage Reduction R&D Program (FCSDR) sponsored an inaugural Reservoir Sedimentation Workshop for the Corps of Engineers, in association with one of the Corps' expert committees, the Committee on Channel

Stabilization (CCS). The objectives of the workshop were

Development Team to address long-term considerations associated with reservoir sedimentation at Corps dams and to interact with all stakeholders.

Status The workshop was a success, with participants identifying and prioritizing issues, needs and concerns to be addressed. Workshop results will be available in a report posted on the Internet in early 2008. The report will be posted on the Committee on Channel Stabilization Web site, <http://chl.erdc.usace.army.mil/ccs> , and on the Water Resources Depot, <https://swwrp.usace.army.mil>

Application The results of this workshop should be of help to those wishing a broader knowledge of some of the problems associated with reservoir sedimentation.

Points of Contact Fred Pinkard, CCS chairman for the workshop, 3909 Halls Ferry Rd, Vicksburg, MS, E-mail: Fred.Pinkard@usace.army.mil, (601) 634-3086.

Additional information can be found at <http://chl.erdc.usace.army.mil/ccs> or <https://swwrp.usace.army.mil>

Partners N/A